



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

10/553,557

10/19/2005

Michelle Bonnin

FR 030041

4139

24737 7590 06/12/2007

PHILIPS INTELLECTUAL PROPERTY & STANDARDS

P.O. BOX 3001

BRIARCLIFF MANOR, NY 10510

EXAMINER

HARDING, RACHELLE

ART UNIT

PAPER NUMBER

2879

MAIL DATE

DELIVERY MODE

06/12/2007

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

# Office Action Summary

Application No.

10/553,557

Applicant(s)

BONNIN ET AL.

Examiner

Rachelle Harding

Art Unit

2809

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 19 October 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-5 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-5 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 19 October 2005 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_\_

## **DETAILED ACTION**

### ***Specification***

Applicant is reminded of the proper language and format for an abstract of the disclosure. The form and legal phraseology often used in patent claims, such as "comprising," "comprises," and "said," should be avoided. It should avoid using phrases which can be implied, such as, "The invention relates to," "The disclosure defined by this invention," "The disclosure describes," etc.

### ***Information Disclosure Statement***

The listing of references in the specification is not a proper information disclosure statement. 37 CFR 1.98(b) requires a list of all patents, publications, or other information submitted for consideration by the Office, and MPEP § 609.04(a) states, "the list may not be incorporated into the specification but must be submitted in a separate paper." Therefore, unless the references have been cited by the examiner on form PTO-892, they have not been considered.

### ***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

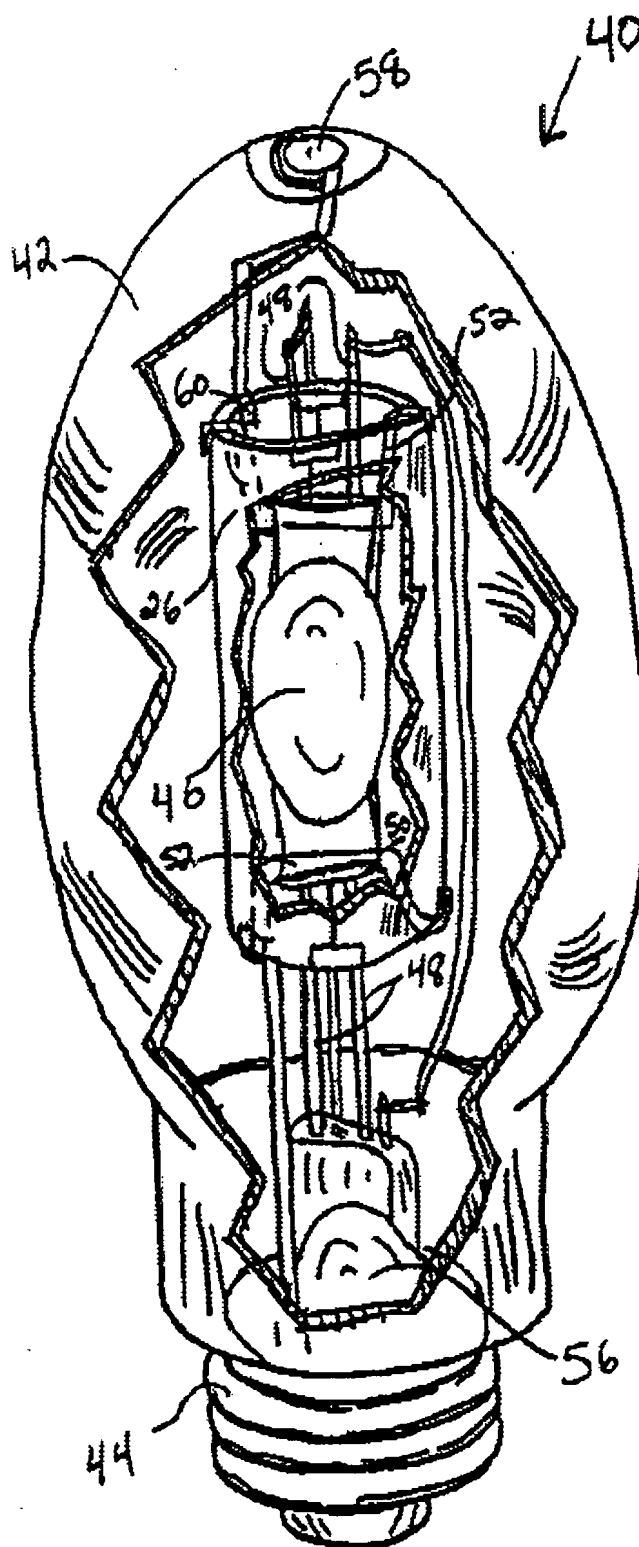
A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1 and 2 are rejected under 35 U.S.C. 102(b) as being anticipated by Israel (US6462465).

Art Unit: 2879

Regarding claim 1, Israel discloses a lamp comprising a lamp vessel (46 in figure 4), an incandescent body (inside 46) arranged in the lamp vessel and current supply conductors (48 in figure 4) connected to the incandescent body, said incandescent body being intended to emit a radiation spectrum comprising a visible portion and an infrared (column 2, lines 45-48) portion, the lamp comprising an outer envelope (42) around said lamp vessel, said outer envelope comprising a reflective film (column 5, lines 7-9) adapted to transmit a first part of the visible portion and a second part of the infrared portion, said second part being greater than said first part (column 2, line 46).



Art Unit: 2879

Regarding claim 2, Israel discloses the first part is inferior to 30 per cent and the second part is superior to 80 per cent (column 2, lines 48-51).

***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claim 3 is rejected under 35 U.S.C. 103(a) as being unpatentable over Israel in view of Ahlgren (US 5045748).

Israel discloses substantially the claimed invention except for a reflective layer on part of the vessel. Ahlgren teaches the lamp vessel comprises a reflective layer (column 2, lines 35-38) deposited on a part of said vessel in order to increase the heat (column 1, lines 64-66).

Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to add a reflective layer on the lamp vessel as taught by Ahlgren since this will further increase the amount of infrared.

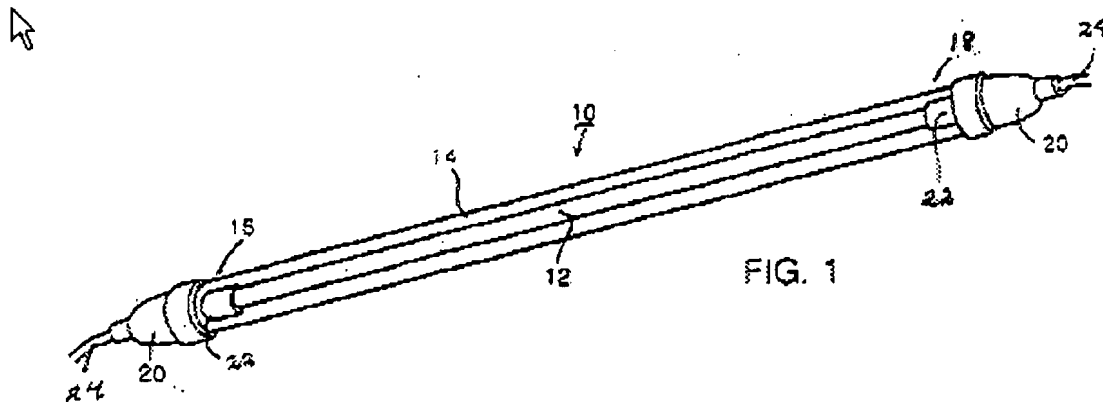
Claims 4 and 5 are rejected under 35 U.S.C. 103(a) as being unpatentable over Israel in view of Marsh (US 20040056576).

Israel teaches substantially the claimed invention except for double-ended outer envelope and a cap and shell. Marsh teaches a lamp comprising a cap (fitting 20 in figure 1) at each end of the lamp vessel, the outer envelope being double ended (figure 1) and supported coaxially to the lamp vessel by means of two shells (bushing 22 in

Art Unit: 2879

figure 1), each shell having a part extending inside a cap and a part designed for supporting an end of the outer envelope through the cap in order to protect the leads from moisture, dust, and dirt (Column 2, line 26 in US5105119).

Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to use a cap and shell, as taught by Marsh, to protect the leads from moisture, dust, and dirt.



Regarding claim 5, Israel discloses substantially the claimed invention except for a cap. Marsh teaches a lamp comprising a cap (20) at each end of the lamp vessel, said cap comprising a first section for receiving an end of the lamp vessel (10 in figure 1) and a second section for supporting the outer envelope (14) in order to protect the leads from moisture, dust, and dirt. Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to use a cap, as taught by Marsh, to protect the leads from moisture, dust, and dirt.

### **Conclusion**

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Rachelle Harding whose telephone number is (571)270-

Art Unit: 2879

1740. The examiner can normally be reached on Monday through Friday 7:30 am-5:00 pm E.S.T..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nimesh Patel can be reached on (571)272-2457. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

*RMH*

RMH

*K. Guharay*

**KARABI GUHARAY  
PRIMARY EXAMINER**